



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Grigg et. al.

Serial No.: 10/608,749

Filed: June 26, 2003

For: METHODS FOR LABELING
SEMICONDUCTOR DEVICE
COMPONENTS

Examiner: Unknown

Group Art Unit: 1732

Attorney Docket No.: 2269-4211.6US
(99-0218.06/US)

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

December 9, 2003
Date

Rachael M. Harris
Signature

Rachael M. Harris
Name (Type/Print)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 6,251,488	06/26/01	Miller et al.
US - 6,259,962	07/10/01	Gothait
US - 6,268,584	07/31/01	Keicher et al.
US - 6,326,698	12/04/01	Akram
US - 6,391,251	05/21/02	Keicher et al.
US - 6,432,752	08/13/02	Farnworth
US - 6,482,576	11/19/02	Farnworth et al.
US - 6,514,798	02/04/03	Farnworth
US - 6,524,346	02/25/03	Farnworth
US - 6,544,821	04/08/03	Akram
US - 6,544,902	04/08/03	Farnworth
US - 6,549,821	04/15/03	Farnworth et al.
US - 6,562,278	05/13/03	Farnworth et al.
US - 6,593,171	07/15/03	Farnworth

Other Documents

U.S. Patent Application Publication No. 2002/0066966 A1 to Farnsworth, dated June 6, 2002

U.S. Patent Application Publication No. 2002/0098623 A1 to Akram, dated July 25, 2002

U.S. Patent Application Publication No. 2002/0171177 A1 to Kritchman et al., dated November 21, 2002

U.S. Patent Application Publication No. 2002/0182782 A1 to Farnsworth, dated December 5, 2002

U.S. Patent Application Publication No. 2003/0003180 A1 to Farnsworth et al., dated January 2, 2003

U.S. Patent Application Publication No. 2003/0003380 A1 to Farnsworth et al., dated January 2, 2003

U.S. Patent Application Publication No. 2003/0003405 A1 to Farnsworth et al., dated January 2, 2003

U.S. Patent Application Publication No. 2003/0043360 A1 to Farnsworth et al., dated March 6, 2003

U.S. Patent Application Publication No. 2003/0068584 A1 to Farnsworth et al., dated April 10, 2003

U.S. Patent Application Publication No. 2003/0089999 A1 to Akram, dated May 15, 2003

U.S. Patent Application Publication No. 2003/0092220 A1 to Akram, dated May 15, 2003

U.S. Patent Application Publication No. 2003/0093173 A1 to Farnworth et al., dated May 15, 2003

U.S. Patent Application Publication No. 2003/0102566 A1 to Farnworth, dated June 5, 2003

U.S. Patent Application Publication No. 2003/0129787 A1 to Farnworth, dated July 10, 2003

U.S. Patent Application Publication No. 2003/0151167 A1 to Kritchman et al., dated August 14, 2003

U.S. Patent Application Publication No. 2003/0201531 A1 to Farnworth et al., dated October 30, 2003

U.S. Patent Application Publication No. 2003/0203158 A1 to Farnworth et al., dated October 30, 2003

U.S. Patent Application Publication No. 2003/0207213 A1 to Farnworth, dated November 6, 2003

MILLER et al., “Maskless Mesoscale Materials Deposition”, Deposition Technology, September 2001, pages 20-22

MILLER, “New Laser-Directed Deposition Technology”, Microelectronic Fabrication, August 2001, page 16

Webpage, Objet Prototyping the Future, Objet FullCure700 Series, 1 page

Webpage, Objet Prototyping the Future, How it Works, 2 pages

U.S. Patent Application No. 09/589,841, filed June 8, 2000, entitled “Stereolithographic Methods for Forming a Protective Layer on a Semiconductor Device Substrate and Substrates Including Protective Layers So Formed”, inventor Farnworth et al.

U.S. Patent Application No. 09/651,930, filed August 31, 2000, entitled “Semiconductor Device Including Leads in Communication with Contact Pads Thereof and a Stereolithographically Fabricated Package Substantially Encapsulating the Leads and Methods for Fabricating the Same”, inventor Salman Akram

U.S. Patent Application No. 10/370,755, filed February 20, 2003, entitled “Chip Scale Package Structures and Method of Forming Conductive Bumps Thereon”, inventor Warren M. Farnworth

U.S. Patent Application No. 10/619,918, filed July 15, 2003, entitled “Stereolithographic Methods for Fabricating Hermetic Semiconductor Device Packages and Semiconductor Devices Including Stereolithographically Fabricated Hermetic Packages”, inventor Warren M. Farnworth

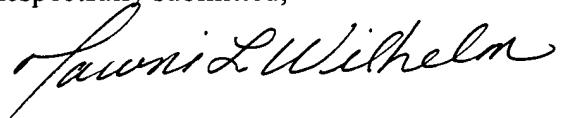
U.S. Patent Application No. 10/672,098, filed September 26, 2003, “Apparatus and Methods for Use in Stereolithographic Processing of Components and Assemblies”, inventor Warren M. Farnworth

U.S. Patent Application No. 10/690,417, filed October 20, 2003, entitled “Methods of Coating and Singulating Wafers and Chip-Scale Packages Formed Therefrom”, inventor Farnworth et al.

Applicants offer to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits.

Respectfully submitted,



Tawni L. Wilhelm
Registration No. 47,456
Attorney for Applicant(s)
TRASKBRITT
P.O. Box 2550
Salt Lake City, Utah 84110-2550
Telephone: 801-532-1922

Date: December 9, 2003

TLW/rmh

Enclosures: Form PTO-1449 or PTO/SB/08
Copy of documents cited

Document in ProLaw



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

of 4

Complete if Known

Application Number	10/608,749
Filing Date	June 26, 2003
First Named Inventor	Grigg et. al.
Group Art Unit	1732
Examiner Name	Unknown
Attorney Docket Number	4211.6US (99-0218.06/US)

U.S. PATENT DOCUMENTS

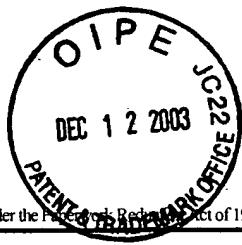
FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

4

Complete if Known

Application Number	10/608,749
Filing Date	June 26, 2003
First Named Inventor	Grigg et. al.
Group Art Unit	1732
Examiner Name	Unknown
Attorney Docket Number	4211 61US (99-0218.06/US)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		U.S. Patent Application Publication No. 2002/0066966 A1 to Farnworth, dated June 6, 2002	
		U.S. Patent Application Publication No. 2002/0098623 A1 to Akram, dated July 25, 2002	
		U.S. Patent Application Publication No. 2002/0171177 A1 to Kritchman et al., dated November 21, 2002	
		U.S. Patent Application Publication No. 2002/0182782 A1 to Farnworth, dated December 5, 2002	
		U.S. Patent Application Publication No. 2003/0003180 A1 to Farnworth et al., dated January 2, 2003	
		U.S. Patent Application Publication No. 2003/0003380 A1 to Farnworth et al., dated January 2, 2003	
		U.S. Patent Application Publication No. 2003/0003405 A1 to Farnworth et al., dated January 2, 2003	
		U.S. Patent Application Publication No. 2003/0043360 A1 to Farnworth et al., dated March 6, 2003	
		U.S. Patent Application Publication No. 2003/0068584 A1 to Farnworth et al., dated April 10, 2003	
		U.S. Patent Application Publication No. 2003/0089999 A1 to Akram, dated May 15, 2003	
		U.S. Patent Application Publication No. 2003/0092220 A1 to Akram, dated May 15, 2003	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08B(10-01)

Approved for use through 10/31/2002, OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

3

of

4

Complete if Known

Application Number	10/608,749
Filing Date	June 26, 2003
First Named Inventor	Grigg et. al.
Group Art Unit	1732
Examiner Name	Unknown

Attorney Docket Number 42116LIS (99-0218 06/LIS)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		U.S. Patent Application Publication No. 2003/0093173 A1 to Farnworth et al., dated May 15, 2003	
		U.S. Patent Application Publication No. 2003/0102566 A1 to Farnworth, dated June 5, 2003	
		U.S. Patent Application Publication No. 2003/0129787 A1 to Farnworth, dated July 10, 2003	
		U.S. Patent Application Publication No. 2003/0151167 A1 to Krritchman et al., dated August 14, 2003	
		U.S. Patent Application Publication No. 2003/0201531 A1 to Farnworth et al., dated October 30, 2003	
		U.S. Patent Application Publication No. 2003/0203158 A1 to Farnworth et al., dated October 30, 2003	
		U.S. Patent Application Publication No. 2003/0207213 A1 to Farnworth, dated November 6, 2003	
		MILLER et al., "Maskless Mesoscale Materials Deposition", Deposition Technology, September 2001, pages 20-22	
		MILLER, "New Laser-Directed Deposition Technology", Microelectronic Fabrication, August 2001, page 16	
		Webpage, Objet Prototyping the Future, Objet FullCure700 Series, 1 page	
		Webpage, Objet Prototyping the Future, How it Works, 2 pages	

Examiner Signature	Date Considered
--------------------	-----------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08B(10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

4

of

4

Complete if Known

Application Number	10/608,749
Filing Date	June 26, 2003
First Named Inventor	Grigg et. al.
Group Art Unit	1732
Examiner Name	Unknown
Attorney Docket Number	4211 6US (99-0218 06/US)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		U.S. Patent Application No. 09/589,841, filed June 8, 2000, entitled "Stereolithographic Methods for Forming a Protective Layer on a Semiconductor Device Substrate and Substrates Including Protective Layers So Formed", inventor Farnworth et al.	
		U.S. Patent Application No. 09/651,930, filed August 31, 2000, entitled "Semiconductor Device Including Leads in Communication with Contact Pads Thereof and a Stereolithographically Fabricated Package Substantially Encapsulating the Leads and Methods for Fabricating the Same", inventor Salman Akram	
		U.S. Patent Application No. 10/370,755, filed February 20, 2003, entitled "Chip Scale Package Structures and Method of Forming Conductive Bumps Thereon", inventor Warren M. Farnworth	
		U.S. Patent Application No. 10/619,918, filed July 15, 2003, entitled "Stereolithographic Methods for Fabricating Hermetic Semiconductor Device Packages and Semiconductor Devices Including Stereolithographically Fabricated Hermetic Packages", inventor Warren M. Farnworth	
		U.S. Patent Application No. 10/672,098, filed September 26, 2003, "Apparatus and Methods for Use in Stereolithographic Processing of Components and Assemblies", inventor Warren M. Farnworth	
		U.S. Patent Application No. 10/690,417, filed October 20, 2003, entitled "Methods of Coating and Singulating Wafers and Chip-Scale Packages Formed Therefrom", inventor Farnworth et al.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.